

**ABSTRACT OF THE DISCLOSURE**

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2 [00078] In a turbo code decoder (100, 100B), likelihood information for redundant  
3 parts of a received symbol sequence are used to update the redundant parts of the  
4 received symbol sequence for use by the decoder (100, 100B). . The redundant  
5 likelihood update unit (101) comprises a first compare and update unit (204<sub>1</sub>) and a  
6 second compare and update unit (204<sub>2</sub>). The respective compare and update units (204)  
7 compare the likelihood information for their respective redundant part of the received  
8 symbol sequence with the original respective redundant part of the received symbol  
9 sequence, and obtain updated likelihood information for their respective redundant  
10 parts of the received symbol sequence.